

Chemistry	Group-I	Paper-II
Time: 15 Minutes	(Objective Type)	Marks: 12

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- **Night-blindness is because of deficiency of:**  
 (a) Vitamin A ✓ (b) Vitamin E  
 (c) Vitamin C (d) Vitamin D
- 2- **Specific heat capacity of water is:**  
 (a)  $4.2 \text{ K Jg}^{-4} \text{ K}^{-1}$  (b)  $4.2 \text{ Jg}^{-1} \text{ K}^{-1}$  ✓  
 (c)  $4.4 \text{ K Jg}^{-1} \text{ K}^{-1}$  (d)  $4.4 \text{ Jg}^{-1} \text{ K}$
- 3- **Which one is also called olefins:**  
 (a) Alkanes (b) Alkenes ✓  
 (c) Alkynes (d) Alcohols
- 4- **A disease that causes bone and tooth damage is:**  
 (a) Fluorosis ✓ (b) Cholera  
 (c) Jaundice (d) Hepatitis
- 5- **The colour of hydrogen iodide is:**  
 (a) Orange (b) Purple  
 (c) Red (d) Colourless ✓
- 6- **Depending upon temperature variation, atmosphere is divided into how many regions:**  
 (a) One (b) Two  
 (c) Three (d) Four ✓



- 7- If  $Q_c < K_c$ , reaction proceeds:
- (a) Forward ✓ (b) Reverse  
(c) Equilibrium (d) Both side
- 8- When glucose and fructose combine they produce:
- (a) Starch (b) Cellulose  
(c) Sucrose ✓ (d) None of these
- 9- Which acid causes the acidity of stomach:
- (a) Sulphuric acid (b) Hydrochloric acid ✓  
(c) Nitric acid (d) Oxalic acid
- 10- You want to dry a gas, which one of the following salt you will use:
- (a) NaCl (b)  $\text{CaCO}_3$   
(c) CaO ✓ (d)  $\text{Na}_2\text{SiO}_3$
- 11- Percentage of nitrogen in urea is:
- (a) 36.6 % (b) 46.6 % ✓  
(c) 56.6 % (d) 66.6 %
- 12- Which one of the following is not a fossil fuel:
- (a) Biogas ✓ (b) Coal  
(c) Natural gas (d) Petroleum